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SEQUENCE LISTING

<110> Civelli, Olivier
Nothacker, Hans-Peter
Wang, Zhiwei
Reinscheid, Rainer

<120> ADP-Glucose Receptor

<130> P-UC 4530

<140> US 09/780,576

<141> 2001-02-09

<150> US 60/234,025

<151> 2000-09-20

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Ala Val Asp Asn Leu Thr Ser Ala Pro Gly Asn Thr Ser Leu Cys Thr
5 10 15

aga gac tac aaa atc acc cag gtc ctc ttc cca ctg ctc tac act gtc 153
Arg Asp Tyr Lys Ile Thr Gln Val Leu Phe Pro Leu Leu Tyr Thr Val
20 25 30

ctg ttt ttt gtt gga ctt atc aca aat ggc ctg gcg atg agg att ttc 201
Leu Phe Phe Val Gly Leu Ile Thr Asn Gly Leu Ala Met Arg Ile Phe
35 40 45 50

ttt caa atc cgg agt aaa tca aac ttt att att ttt ctt aag aac aca 249
Phe Gln Ile Arg Ser Lys Ser Asn Phe Ile Ile Phe Leu Lys Asn Thr
55 60 65

gtc att tct gat ctt ctc atg att ctg act ttt cca ttc aaa att ctt	297
Val Ile Ser Asp Leu Leu Met Ile Leu Thr Phe Pro Phe Lys Ile Leu	
70 75 80	
agt gat gcc aaa ctg gga aca gga cca ctg aga act ttt gtg tgt caa	345
Ser Asp Ala Lys Leu Gly Thr Gly Pro Leu Arg Thr Phe Val Cys Gln	
85 90 95	
gtt acc tcc gtc ata ttt tat ttc aca atg tat atc agt att tca ttc	393
Val Thr Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile Ser Phe	
100 105 110	
ctg gga ctg ata act atc gat cgc tac cag aag acc acc agg cca ttt	441
Leu Gly Leu Ile Thr Ile Asp Arg Tyr Gln Lys Thr Thr Arg Pro Phe	
115 120 125 130	
aaa aca tcc aac ccc aaa aat ctc ttg ggg gct aag att ctc tct gtt	489
Lys Thr Ser Asn Pro Lys Asn Leu Leu Gly Ala Lys Ile Leu Ser Val	
135 140 145	
gtc atc tgg gca ttc atg ttc tta ctc tct ttg cct aac atg att ctg	537
Val Ile Trp Ala Phe Met Phe Leu Leu Ser Leu Pro Asn Met Ile Leu	
150 155 160	
acc aac agg cag ccg aga gac aag aat gtg aag aaa tgc tct ttc ctt	585
Thr Asn Arg Gln Pro Arg Asp Lys Asn Val Lys Lys Cys Ser Phe Leu	
165 170 175	
aaa tca gag ttc ggt cta gtc tgg cat gaa ata gta aat tac atc tgt	633
Lys Ser Glu Phe Gly Leu Val Trp His Glu Ile Val Asn Tyr Ile Cys	
180 185 190	
caa gtc att ttc tgg att aat ttc tta att gtt att gta tgt tat aca	681
Gln Val Ile Phe Trp Ile Asn Phe Leu Ile Val Ile Val Cys Tyr Thr	
195 200 205 210	
ctc att aca aaa gaa ctg tac cgg tca tac gta aga acg agg ggt gta	729
Leu Ile Thr Lys Glu Leu Tyr Arg Ser Tyr Val Arg Thr Arg Gly Val	
215 220 225	
ggg aaa gtc ccc agg aaa aag gtg aac gtc aaa gtt ttc att atc att	777
Gly Lys Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile Ile Ile	
230 235 240	
gct gta ttc ttt att tgt ttt gtt cct ttc cat ttt gcc cga att cct	825
Ala Val Phe Phe Ile Cys Phe Val Pro Phe His Phe Ala Arg Ile Pro	
245 250 255	
tac acc ctg agc caa acc cgg gat gtc ttt gac tgc act gct gaa aat	873
Tyr Thr Leu Ser Gln Thr Arg Asp Val Phe Asp Cys Thr Ala Glu Asn	
260 265 270	
act ctg ttc tat gtg aaa gag agc act ctg tgg tta act tcc tta aat	921

Thr	Leu	Phe	Tyr	Val	Lys	Glu	Ser	Thr	Leu	Trp	Leu	Thr	Ser	Leu	Asn	
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Ala	Cys	Leu	Asp	Pro	Phe	Ile	Tyr	Phe	Phe	Leu	Cys	Lys	Ser	Phe	Arg	
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gag act cca atg taaacaaatt aactaaggaa atatttcaat ctctttgtgt 1117																
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225						230				235					240
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Glu	Asn	Thr	Leu	Phe	Tyr	Val	Lys	Glu	Ser	Thr	Leu	Trp	Leu	Thr	Ser
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Ser	Leu	Ser	Gln	Asp	Asn	Arg	Lys	Lys	Glu	Gln	Asp	Gly	Gly	Asp	Pro
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